

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 Polyclonal Antibody

Catalog No: #42271

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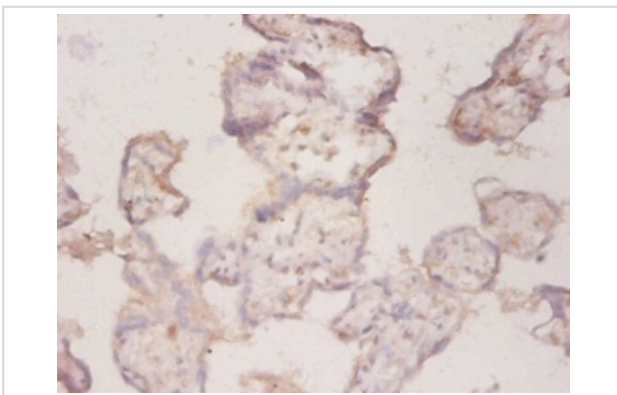
Description

Product Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 protein
Target Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3
Other Names	Complex I-B9 NADH-ubiquinone oxidoreductase B9 subunit NDUFA3 NS5ATP9, PAF L5
Accession No.	Swiss-Prot#: O95167
Uniprot	O95167
GeneID	4696;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human placenta using #42271 at dilution of 1:50.

Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be

ubiquinone.

References

[1]cDNA of eight nuclear encoded subunits of NADH:ubiquinone oxidoreductase: human complex I cDNA characterization completed.Loeffen J.L.C.M., Triepels R.H., van den Heuvel L.P., Schuelke M., Buskens C.A.F., Smeets R.J.P., Trijbels J.M.F., Smeitink J.A.M.

Note: This product is for in vitro research use only